

METHOD OF MANUFACTURING CIRCUIT LAMINATES

ABSTRACT OF THE INVENTION

A method of making liquid crystalline polymer-copper laminates comprising

- 5 laminating liquid crystalline polymer film to a copper foil wherein the copper foil has a surface concentration of zinc of less than or equal to about 2 atomic % and a surface concentration of chromium of less than or equal to about 4 atomic %, based on surface atomic concentration. Preferably the copper foil further comprises a dendritic layer. The copper foil may optionally be coated with a hydrophobic layer prior to lamination. The
- 10 liquid crystalline polymer/copper laminate exhibits significantly improved bond strength retention compared to the prior art, particularly after being subjected to conditions of high humidity and temperature for 24 hours or more.